



# NuMI-MINOS Status Report — Gregory Pawloski

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- FAR DETECTOR:

- Up 99.93% of the time last week (pot weighted)
- No detector failures

- NEAR DETECTOR:

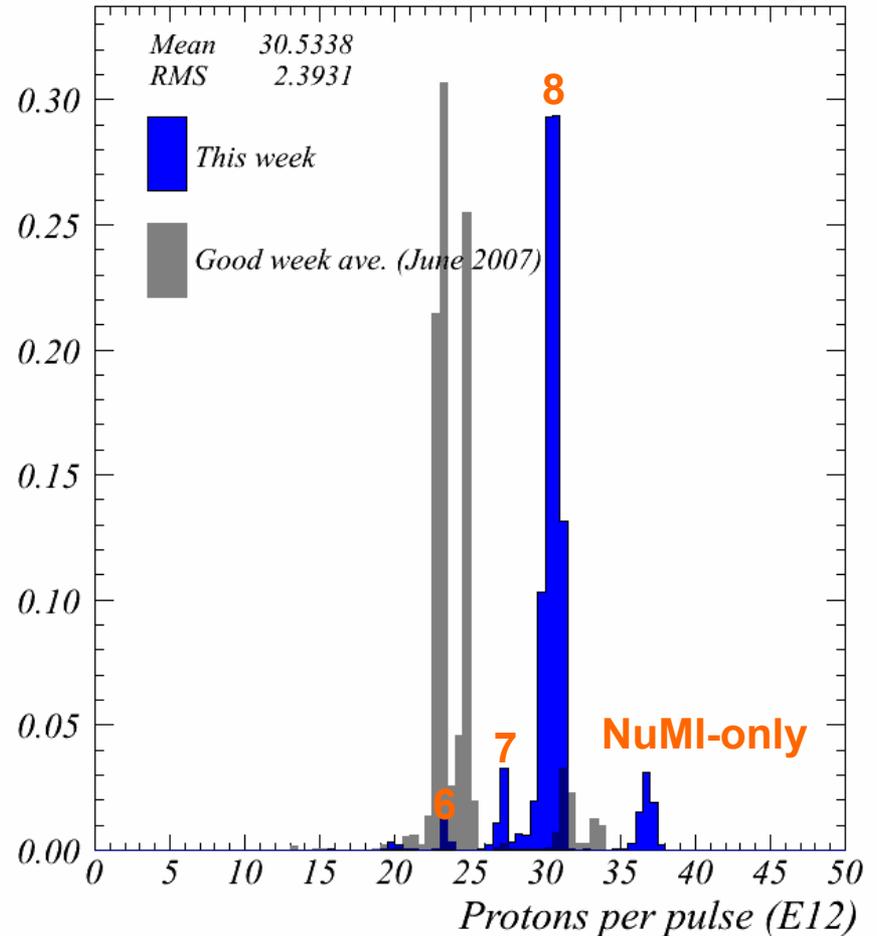
- Up 99.6% of the time last week (pot weighted)
- During the last meeting we informed you that we completed repairs to the coil current reversing switch
- Last week we reversed the current without a single hiccup
- Will be alternating current every two weeks

- NuMI Beamline:

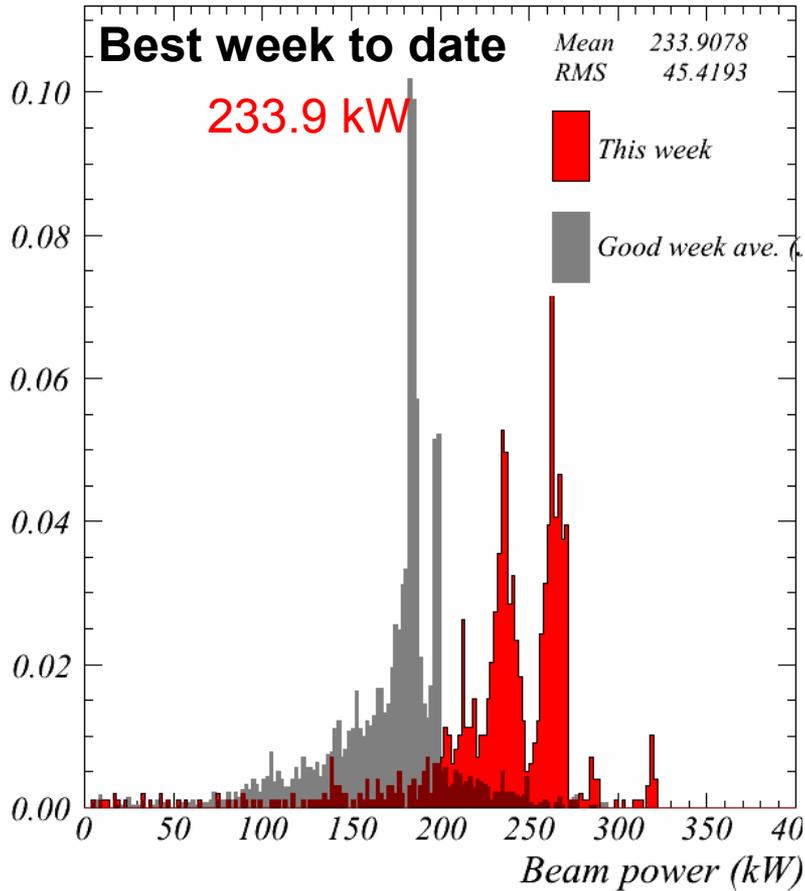
- Record number of POTs (no major downtimes)
- Possible small LCW leak in primary beam area (will address when opportunity arises)

- Protons/pulse:
  - $\sim 23 \times 10^{12}$ : 2+9 6-turns mixed
  - $\sim 27 \times 10^{12}$ : 2+9 7-turns mixed
  - $\sim 31 \times 10^{12}$ : 2+9 8-turns mixed
  - $\sim 37 \times 10^{12}$ : NuMI only
- Mainly running in 2+9 mixed mode with 8-turns to NuMI
- Best week for PPP
  - $3.05 \text{ E } 13 \text{ PPP}$
- Previous Best (2 weeks ago)
  - $2.99 \text{ E } 13 \text{ PPP}$

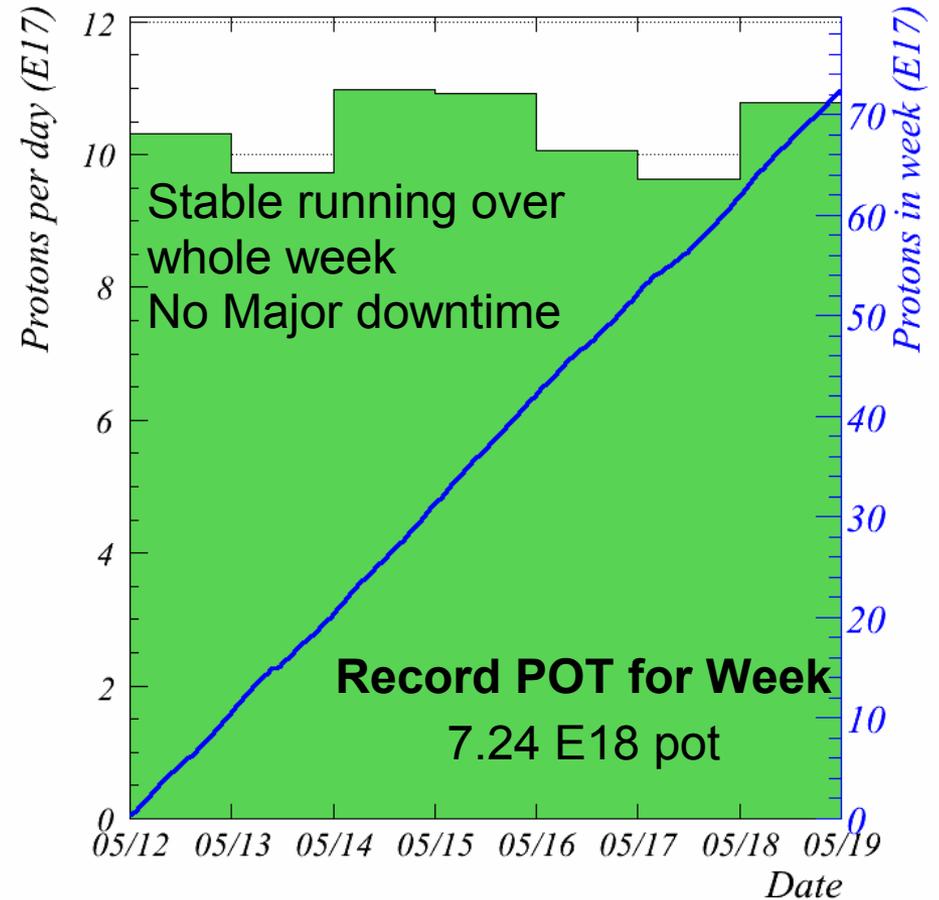
*Week ending 00:00 Monday 19 May 2008*



Week ending 00:00 Monday 19 May 2008



Week to 00:00 Monday 19 May 2008



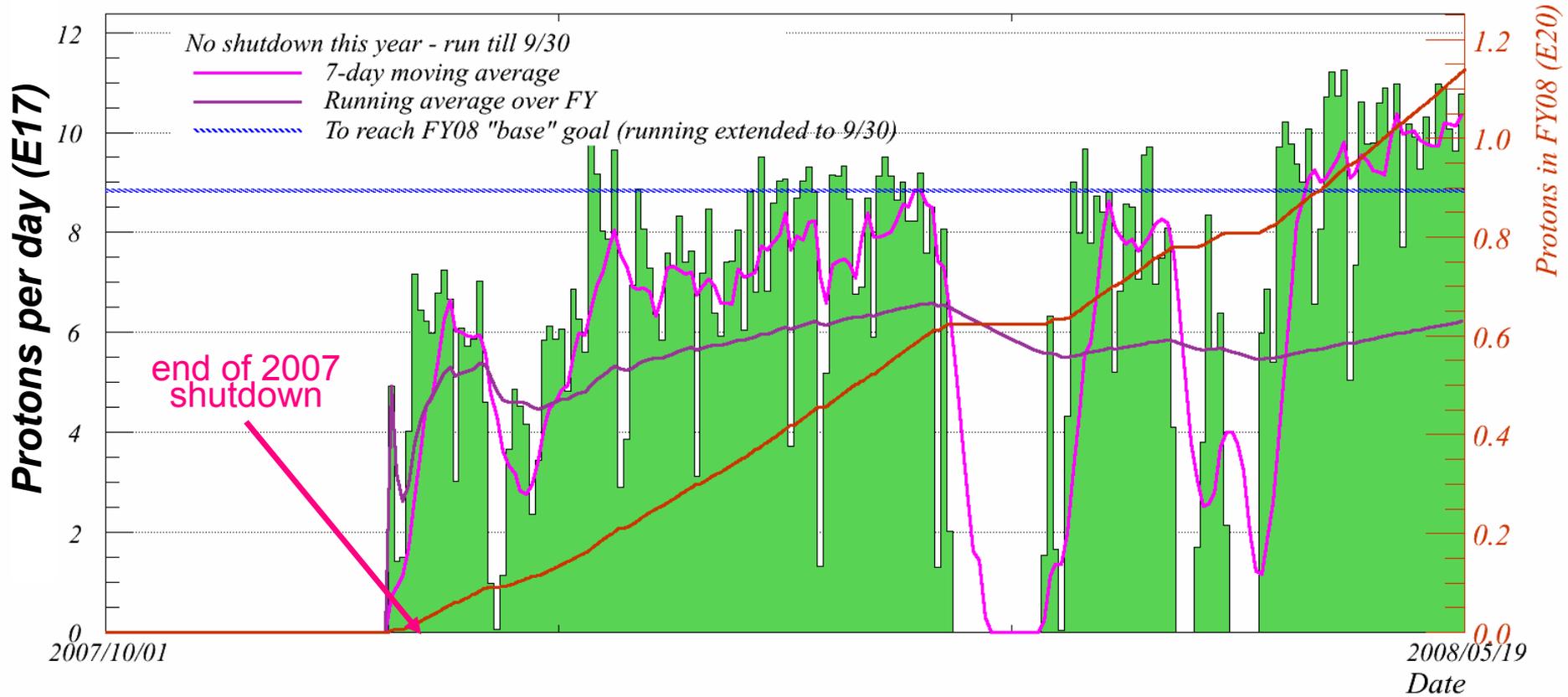
Every week we announce a new record; we definitely enjoy making such announcements.

Thank You Accelerator Division!



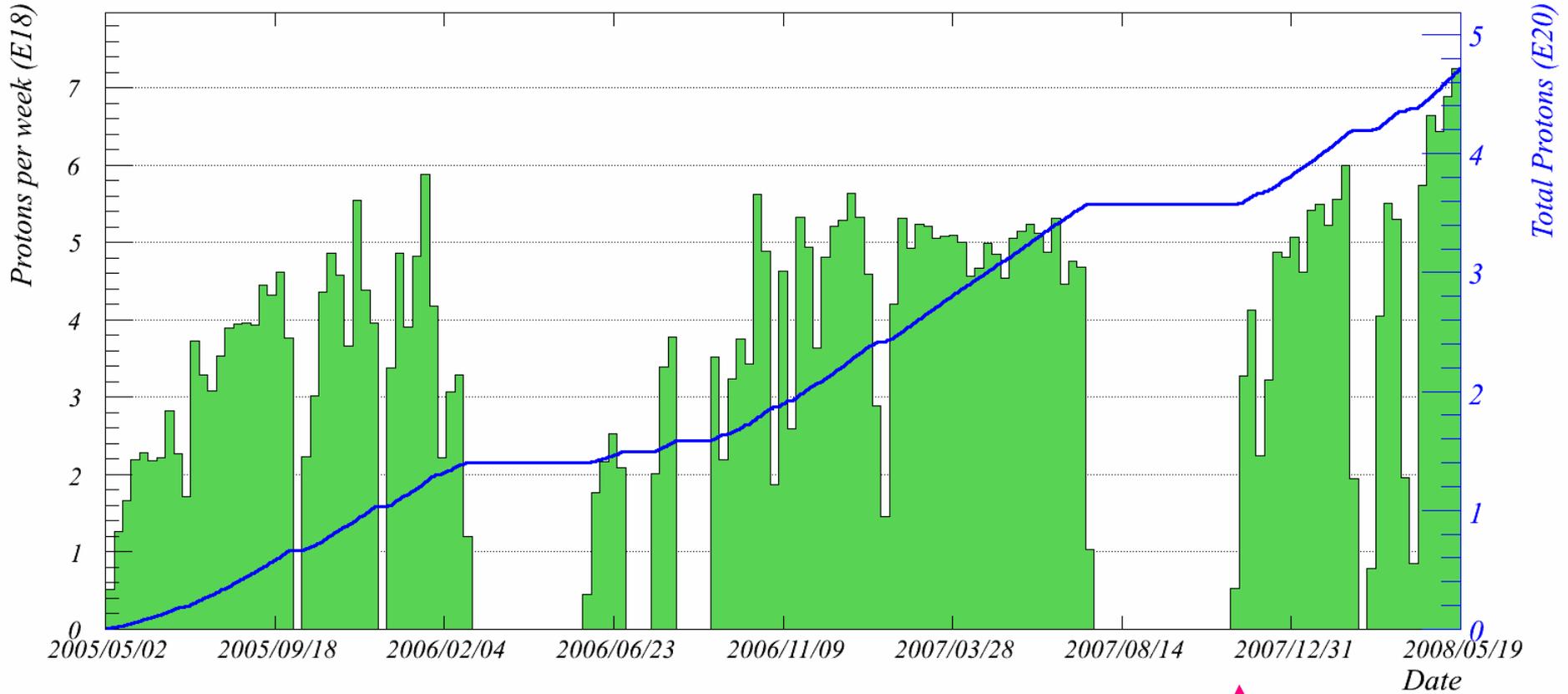
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FY08 NuMI protons to 00:00 Monday 19 May 2008



- ..... Weekly Avg. needed to meet 2.32E20 pot "Base Goal" by 30 September
- Running average over FY
- 7-day running average

Total NuMI protons to 00:00 Monday 19 May 2008



4.73 E 20 total POT to NuMI

↑  
end of 2007  
shutdown